

MEMORANDUM

State of Alaska

Department of Transportation & Public Facilities
Division of Statewide Planning

TO: Joseph Perkins, P.E.
Commissioner

DATE: February 21, 2002

THROUGH: Tom Brigham
Director

TELEPHONE NO: 465-4070

Fax Number: 465-6984

FROM: Carol Taylor
CIP Program Manager

SUBJECT: 2001-2003 AMATS
Transportation
Improvement Program
Amendment #4


Attached for your approval is the 2001 - 2003 Anchorage Metropolitan Area Transportation Study (AMATS) Transportation Improvement Program (TIP). Your approval is recommended. AMATS has determined that the TIP conforms with the federal Clean Air Act as amended in 1990. This TIP amendment did not trigger a new Air Quality Conformity Determination. The TIP remains in compliance with the Air Quality Conformity Determination approved on December 19, 2000. Projects may proceed upon your approval of the TIP.

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have jointly certified that the Anchorage Metropolitan Area Transportation Study (AMATS) planning process meets the requirements of 23 CFR 450.334. The AMATS 2000 and 2001 self-certification has been approved by the AMATS policy committee and will be forwarded to FHWA and FTA within a week.

In addition, we find that, the Statewide Transportation Improvement Program (STIP) includes the TIP by reference and continues to comply with federal requirements as follows:

- That the STIP has been developed with public involvement as required by Section 450.2 12 of the Statewide Planning Regulations,
- That the STIP contains only projects consistent with the Alaska Statewide Transportation Plan (Vision: **2020**),
- That in nonattainment areas, the STIP contains only transportation projects found to conform, or from projects that conform, to the requirements contained in 40 CFR part 5 1,
- That the STIP is fiscally constrained by year,
- That the STIP contains a list of priority projects to be carried out in the first three years of the STIP,
- That the existing transportation system is being adequately maintained and operated.

Your approval of the 2001 – 2003 **AMATS** TIP is recommended.

Approved 
Joseph L. Perkins, PE
Commissioner

Attached: 2001 – 2003 **AMATS** TIP Amendment #4

CC: David Miller, Division Administrator, FHWA w/attachment
Helen Knoll, Regional Administrator, **FTA** w/attachment
Bruce Cart-, Alaska Railroad w/o attachment
James Armstrong, MOA Planning, w/o attachment
Diana Rigg, DOT/PF Area Planner, w/o attachment

**Amended Table 1. TOTAL THREE-YEAR PROGRAM SUMMARY
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

TRANSPORTATION IMPROVEMENTS	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)				% of 3-year Non-NHS \$	% of 3-year total TIP \$
	2001	2002	2003	3-year total		
Non-National Highway System						
Roadway Improvements (Table 3)	\$30,240	\$26,012	\$27,717	\$83,969	72%	32%
Transportation Enhancements (Table 4)	\$6,375	\$4,920	\$7,790	\$19,085	16%	7%
2001-2003 STIP Non-National Highway System Allocation from ADOT&PF's CTP(STP) & TRAAK(STP) programs [as of 2/01]	\$35,850	\$32,900	\$39,050	\$107,800		
Amount (-under) or over CTP+TRAAK funding allocation level	\$765	-\$1,968	-\$3,543			
Congestion Mitigation & Air Quality (Table 5)	\$2,783	\$4,968	\$6,593	\$14,344	12%	5%
2001-2003 STIP Non-National Highway System Allocation from ADOT&PF's CMAQ program [as of 2/01]	\$5,000	\$3,000	\$3,000	\$11,000		
Amount (-under) or over CMAQ funding allocation level	-\$2,217	\$1,968	\$3,593	\$3,344		
AMATS Roadway Transfer Program (Table 3a)	\$500	\$500	\$750	\$1,750		1%
Non-National Highway System Subtotal for Non-NHS roads, transportation enhancements, CMAQ projects and Road Transfer	\$39,898	\$36,400	\$42,850	\$117,398	100%	44%
Amount (-under) or over funding allocation level for all Non-National Highway System projects for roads, transportation enhancements, CMAQ projects and Road Transfer.	-\$1,452	\$0	\$0	-\$1,452		
National Highway System (Table 6)	\$20,798	\$7,315	\$24,170	\$52,283		20%
Transit Capital FTA Section 5307 to MOA (Table 7)	\$3,719	\$3,746	\$3,677	\$11,142		4%
Transit Capital FTA Section 5307 to ARRC (Table 7)	\$1,805	\$1,537	\$50	\$3,392		1%
Transit Capital FTA Section 5309 {Landmarks & Fixed Guideway} to ARRC (Table 7)	\$15,487	\$18,445	\$45,000	\$78,932		30%
Transit Operating (FTA)	\$0	\$0	\$0	\$0		0%
TOTAL PROGRAM (Non-NHS + AMATS Road Transfer + NHS + FTA)	\$82,207	\$67,943	\$116,497	\$264,897		100%
Other Federal Funded Projects within AMATS (Table 8)	\$44,835	\$59,977	\$82,239	\$187,051		
National Highway System Improvements Outside AMATS boundaries, but within the MOA (Table 9)	\$28,656	\$17,600	\$11,800	\$58,056		
TOTAL FEDERAL FUNDING for Transportation Improvements within AMATS & the MOA	\$155,698	\$145,520	\$210,536	\$510,004		

Amended Table 1a. TOTAL SIX-YEAR PROGRAM SUMMARY
AMATS FFY 2001-2003 TIP and 2004-2006 Illustrative Program (February 2002, Amendment #4)

FEDERAL FISCAL PROGRAMMING YEAR (\$,000)							3-year total \$ (2001 - 2003)	% of 3-year Non-NHS (2001 - 2003)	% of 3-year total TIP (2001 - 2003)	6-year total \$ (2001 - 2006)	% of 6-year Non- NHS (2001 - 2006)	% of 6-year total TIP (2001 - 2006)
TRANSPORTATION IMPROVEMENTS	2001	2002	2003	2004	2005	2006						
Non-National Highway System												
Roadway (Table 3)	\$30,240	\$26,012	\$27,717	\$23,037	\$34,400	\$28,950	\$83,969	70%	46%	\$170,356	69%	40%
AMATS Roadway Transfer Program (Table 3a)	\$500	\$500	\$750	\$2,750	\$0	\$0	\$1,750			\$4,500		1%
Transportation Enhancements (Table 4)	\$6,375	\$4,920	\$7,790	\$9,805	\$8,850	\$4,400	\$19,085	16%	10%	\$42,140	17%	10%
Congestion Mitigation & Air Quality (Table 5)	\$2,783	\$4,968	\$6,593	\$7,978	\$4,208	\$4,698	\$14,344	12%	8%	\$31,228	13%	7%
<i>Non-National Highway System Subtotal</i>	\$39,898	\$36,400	\$42,850	\$43,570	\$47,458	\$38,048	\$119,148	99%	65%	\$248,224	98%	58%
<i>2001-2003 STIP Non-NHS Allocation for all projects</i>	\$41,350	\$36,400	\$42,850	\$38,200	\$39,450	\$40,600	\$120,600			\$238,850		
Amount (-under) or over funding allocation level	-\$1,452	\$0	\$0	\$5,370	\$8,008	-\$2,552	-\$1,452			\$9,374		
National Highway System (Table 6)	\$20,798	\$7,315	\$24,170	\$32,200	\$29,860	\$40,050	\$52,283		28%	\$154,393		36%
Transit Capital FTA Sec 5307 to MOA Public Transportation (Table 7)	\$3,719	\$3,746	\$3,677	\$3,935	\$4,211	\$4,505	\$11,142		6%	\$23,793		6%
Transit Capital FTA Section 5307 to ARRC (Table 7)	\$1,805	\$1,537	\$50	\$50	\$0	\$0	\$3,392		2%	\$3,442		1%
Transit Capital FTA Section 5309 {Earmarks & Fixed Guideway} to ARRC (Table 7)	\$15,487	\$18,445	\$45,000	\$16,000	\$10,000	\$10,000	\$78,932		136%	\$114,932		115%
Transit Operating (FTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0%	\$0		0%
TOTAL PROGRAM (Non-NHS + AMATS Road Transfer + NHS + FTA)	\$64,915	\$47,961	\$71,447	\$82,455	\$81,529	\$82,603	\$184,323		100%	\$430,910		100%
Other federally funded projects within AMATS Area (Table 8)	\$44,835	\$59,977	\$82,239	\$37,595	\$21,595	\$21,595	\$187,051			\$267,836		
National Highway System Improvements Outside AMATS, but within the MOA (Table 9)	\$28,656	\$17,600	\$11,800	\$12,000	\$6,500	\$23,800	\$58,056			\$100,356		
TOTAL FEDERAL FUNDING FOR TRANSPORTATION IMPROVEMENTS WITHIN AMATS AND THE MUNICIPALITY	\$138,406	\$125,538	\$165,486	\$132,050	\$109,624	\$127,998	\$429,430			\$799,102		

Tables 3a, 3b, 3c.
AMATS FFY 2001- 2003 TIP (February 2002, Amendment #4)

Table 3a. AMATS Road Transfer Program AMATS FFY 2001-2003 TIP										
	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Est total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
1	Victor Road Reconstruction [Dimond Boulevard to 100th Avenue] - Project would upgrade this roadway to minor arterial standards to include a minimum 3-lane section, pedestrian facilities, lighting, storm drainage, and landscaping. Construction completion is estimated in 2004.	2001-PE 2002-D 2003-ROW 2004-Util/C	\$500	\$500	\$750	\$2,750	\$0	\$0	\$0	\$4,500
2	72nd Avenue/Spruce Street/Lore Rd - Lake Otis Parkway to Abbott Loop Road	2003-PE 2004-D/R 2005-R/U 2006-U/C			\$400	\$800	\$200	\$5,300	\$0	\$6,700
3	Johns Road - Klatt Road to Highview Drive	2003-PE 2004-D/R 2005-R/U 2007-U/C			\$350	\$700	\$200	\$0	\$4,450	\$5,700
4	80th Avenue - Lake Otis Parkway to Spruce Street	2003-PE 2004-D/R 2005-R/U 2007-U/C			\$230	\$460	\$300	\$0	\$2,310	\$3,300
5	36th Avenue - Patterson Street to Old Muldoon Road	2004-PE 2005-D/R 2006-R/U 2008-U/C			\$0	\$250	\$500	\$200	\$2,550	\$3,500
6	88th Avenue - Hartzell Road to Lake Otis Parkway	2004-PE 2005-D/R 2006-R/U 2008-U/C			\$0	\$210	\$420	\$50	\$1,870	\$2,550
7	88th Avenue - Spruce Street to Abbott Loop Road	2004-PE 2005-D/R 2006-R/U 2008-U/C			\$0	\$270	\$540	\$300	\$2,490	\$3,600
ANNUAL TOTALS			\$500	\$500	\$1,730	\$5,440	\$2,160	\$5,850	\$13,670	\$29,850

Tables 3a, 3b, 3c.
AMATS FFY 2001- 2003 TIP (February 2002, Amendment #4)

	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)					Est funding needs after 2006	Est total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006	
	<i>Note: This is a new table for the FFY2001-2003 TIP.</i>								
	<i>A pilot program called the "AMATS Road Transfer Program" is recommended as a new approach to address the reconstruction needs of several state-owned minor roadways in Anchorage. The intent of this program is to expedite improvements to selected roadways throughout Anchorage. The program would allow the Municipality of Anchorage to select State-owned roads that both need reconstruction and for which the Municipality would accept ownership and future maintenance responsibilities, once the road is reconstructed to urban standards. Funding for this program is separate from, and in addition to, the AMATS allocation for other roadways, transportation enhancements, and CMAQ type projects.</i>								

Tables 3a, 3b, 3c.
AMATS FFY 2001- 2003 TIP (February 2002, Amendment #4)

	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)					Est funding needs after 2006	Est total project cost	
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06			10/05 - 09/06
			2001	2002	2003	2004	2005	2006		
Table 3b. Highway Safety Improvement Program Set Aside AMATS FFY 2001-2003 TIP										
1	HSIP Set aside, projects include but are not limited to: Lake Otis @ Azurite; NLB @ Rose St.; DeBarr @ Norene; Huffman @ Hace; Lake Otis @NLB to Tudor Road Spots; OSH & Dimond Spts; OSH, 36th to 40th Spots; 8th & E & G Lane Use Controls; C @ 7th; "C to Denali ; Boniface @ NLB; and Midtown Corridor.	2001-2006 PE/D/ROW/ Util/C	\$0	\$1,458	\$2,933		\$0	\$0	\$0	\$4,391
	ANNUAL TOTALS		\$0	\$1,458	\$2,933	\$0	\$0	\$0	\$0	\$4,391
	Note: This is a new table for the FFY2001-2003 TIP.									
	A pilot program called the "Highway Safety Improvement Program" is recommended as a new approach to address the safety improvement needs of several roadways in Anchorage. The intent of this program is to expedite safety improvements to selected roadways throughout Anchorage. Funding for this program is separate from, and in addition to, the AMATS allocation for other roadways, safety projects transportation enhancements, and CMAQ type projects.									
Table 3c. Non NHS Major Arterial Rut Repair										
1	Dimond Boulevard Rut Repair [Jewel Lake Road to Seward Highway] Concept is to use this as a partial strategy to seque into the new allocation if FFY 2003.	2003 - Util/C	\$0	\$0	\$6,800		\$0	\$0	\$0	\$6,800
2	A/C Couplet, 9th Ave - 42nd Ave.		\$0	\$0	\$0					
3	Boniface Parkway, Tudor Rd - DeBarr		\$0	\$0	\$0					
4	Raspberry Road, Sand Lake Road - Minnesota Blvd.		\$0	\$0	\$0					
5	DeBarr Road, Airport Heights - Muldoon		\$0	\$0	\$0					
6	Northern Lights/Benson Boulevard, Lane - Muldoon		\$0	\$0	\$0					
	ANNUAL TOTALS		\$0	\$0	\$6,800	\$0	\$0	\$0	\$0	\$6,800
	Note: This is a new table for the FFY2001-2003 TIP.									

Tables 3a, 3b, 3c.
AMATS FFY 2001- 2003 TIP (February 2002, Amendment #4)

	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)					Est funding needs after 2006	Est total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006	
	<i>A pilot program called the "Non NHS Major Arterial Rut Repair" is recommended as a new approach to address the pavement improvement needs of roadways in Anchorage. The intent of this program is to expedite needed pavement improvements to selected roadways throughout Anchorage. .</i>								

**Amended Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
1	Dowling Road Reconstruction [Lake Otis Parkway to Old Seward Highway] - Widening to 4-lanes with a center turn lane, utility relocation/undergrounding, lighting, pedestrian, landscaping and Seward Hwy clearance. Landscaping @ 4% of Construction funds = \$250,000.	2001 - Util/C	\$16,300	\$0	\$0	\$0	\$0	\$0	\$0	\$16,300
2	Dowling Road Extension/Reconstruction [Minnesota Drive to Old Seward Highway] - Connect Minnesota to 'C' Street and continue to Dowling Road. Location and size of improvements to be determined. Project to include replacing bridge over Campbell Creek (\$6.8M), lighting, drainage, landscaping, trail and pedestrian improvements.	2001 - PE 2004 - D 2005 - ROW/Util 2006+ - Util/C	\$1,350	\$0	\$0	\$2,300	\$6,400	\$0	\$16,200	\$26,250
2a	Business Boulevard Roadway Rehabilitation [Old Glenn Hwy to Old Glenn Hwy] - Project combined with the Business Blvd enhancement project, to include extensive roadway surface and minor subgrade improvements.	2001 - ROW/Util/C	\$3,740	\$0	\$0	\$0	\$0	\$0	\$0	\$3,740
3	C' Street Reconstruction Phase II [International Airport Road to Dimond Boulevard] - Reconstruct 'C' Street from 2-lanes to 4-lanes including lighting, drainage, landscaping, and pedestrian facilities (a segment of North/South Trail). Landscaping @ 5% of Construction funds = \$525,000. (Project recommended for advance construction in 2001 using future 2002 & 2003 funding) <i>Note: \$200K was reallocated to this project from FFY1999 funds as part of the March 2001 Amendment, thus total funds available = \$300K.</i>	2001-D 2002-2003-Util/C	\$100	\$10,730	\$6,770	\$0	\$0	\$0	\$0	\$17,600
4	C' Street Construction Phase III [Dimond Boulevard to O'Malley Road] - Construct a new road link south of Dimond Boulevard to O'Malley Road, including lighting, drainage, landscaping and pedestrian facilities (a segment of the North/South Trail). Landscaping @ 5% of Construction \$= to be determined. Includes PE of ARRC separation at Raspberry Rd. <i>(Note: Right-of-way funding in 2002 needs to be added in future TIP amendments/updates. This project is anticipated to need \$6M in ROW in 2002, funding source and obligation in 2002.)</i>	2001- D 2003 - ROW/Util/C 2004 - ROW (ARRC Xing) 2006 - Util/C (ARRC Xing)	\$1,500	\$0	\$10,500	\$1,200	\$0	\$6,000	\$0	\$19,200
5	O'Malley Road Reconstruction [Seward Highway to Hillside Drive] - Reconstruct the roadway to improve safety and capacity at intersections and improve pedestrian facilities. Landscaping @ 5% of Construction \$ = to be determined.	2001 - D 2002 - D 2003 - ROW/Util 2005 - Util/C	\$500	\$750	\$1,000	\$0	\$4,000	\$0	\$0	\$6,250
5a	Boniface Parkway Rehabilitation [DeBarr Road to Elmendorf Gate] - Project funds pavement repair on Boniface from DeBarr to Elmendorf AFB gate. Project includes repairing existing pedestrian facilities, adding sidewalks on east and west sides and landscaping. <i>(Project includes \$2,053,000 in CMAQ funds for pedestrian related improvements).</i>	2001 - D/Util/C	\$4,250	\$0	\$0	\$0	\$0	\$0		\$4,200

**Amended Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
6	Old Glenn Highway Rehabilitation [Artillery Road to North Eagle River exit] - Project includes Artillery Road interchange improvements. Minor streetscape improvements to be included.	2001 - D/ROW/Util 2002 - D/Util/ROW/C	\$275	\$3,885	\$0	\$0	\$0	\$0	\$0	\$4,160
7	Highway Safety Improvement Projects (HSIP) : Project locations identified in the FHWA-approved HSIP. Funding is expected to include, but not be limited to, HSIP projects at the following locations: A) Commercial Dr at Viking and Sand Lake Rd at Kincaid Rd, B) Arctic Blvd. at Dowling & ARRC Xing 1) Fireweed Lane [from Spenard Road to Seward Highway]; 2) Ingra Street at 5th Avenue; 3) Boniface Parkway at Northern Lights Boulevard; 4) Muldoon Road [20th Avenue to 36th Avenue]; 5) 15th Avenue [Lake Otis Parkway to Airport Heights Road]; 6) Midtown Corridor Study; 7) 'C' Street at 7th Avenue; 8) MacInnes Street at 36th Avenue; and 9) Spenard Road [Fireweed Lane to Minnesota Drive].	2001-2006 - PE/D /Util/C	\$0	\$1,000	\$1,952	\$719	\$1,595	\$0	\$0	\$5,266
7a	Fireweed Lane Reconstruction [Spenard Road to Seward Highway] - Project is recommend to reconstruct the existing 4-lane street to a 2-lane street with a center turn lane. Intersections at A and C Streets will be improved and pedestrian improvements will be included. Note: this project originated (PE/D) in the HSIP above, however the scope of the project has grown and is recommended to included elements beyond the HSIP program. Recommend combining with 7b and 20 below for economy.	2002 -D 2003 -ROW 2004-Util/C	\$0	\$400	\$0	\$250	\$2,400			
7b	Spenard Road (Fireweed Lane to Minnesota Drive) - Project is recommend to reconstruct the existing 4-lane street to a 2-lane street with a center turn lane. Intersections will be improved and pedestrian improvements will be included. Note: this project originated (PE/D) 9in the HSIP above, however, the scope is sufficiently big it is recommended to be a stand alone project and combined with 7a above AND project 20 below, to achieve a degree of economy for project development.	2002 - D 2003 - ROW 2004 -Util/C		\$800	\$0	\$250	\$2,400			
8	DeArmoun Road Reconstruction Phase II [140th Avenue to Hillside Drive] - Project involves reconstruction of the existing alignment, improving pavement condition, and pedestrian facilities.	2002-03- D 2005 - ROW/Util 2006+ - Util/C	\$0	\$1,100	\$0	\$500	\$0	\$0	\$7,000	\$8,600

**Amended Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
9	Pavement Replacement Program - This program will provide a single funding source for several pavement overlay and/or replacement projects. Improvements are also expected to include ADA and some existing curb and sidewalk repair. Program is expected to include, but not be limited to, pavement replacement for the following routes: 1) Lake Otis Parkway [Abbott Road to O'Malley Road]; 3) Lake Otis Parkway [DeBarr Road to Northern Lights Boulevard]; 3) 9th Avenue [L' Street to Ingra Street]; 4) Bragaw Street [the Glenn Highway to DeBarr Road]; 5) Lake Otis Parkway [Northern Lights Boulevard to Tudor Road]; 6) Dimond Boulevard [Jodphur Road to Jewel Lake Road].	2001 Administration 2002 - 2006 - PE/D/ROW/Util/C	\$25	\$2,200	\$1,400	\$2,988	\$1,100	\$1,000	\$500	\$9,213
9a	New Pavement Replacement Program - This is an new project to address some of immediate road rotomill and replacement pavement needs due to severe pot-hole and pavement stress problems experienced in the winter of 2001. Project include Brayton Drive: O'Malley to Tudor, Old Glenn Hwy: N. Eagle River Exit to Peters Creek, Northern Lights /Benson Blvd: Lake Otis to Lois Dr. and Briggs Bridge on Eagle River Loop Road. (Note: funding for this program is not included in the AMATS allocation)	2001 D/C	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
11	East Anchorage Transportation Facilities Concept Report - Preliminary engineering funds programmed to implement the recommendation of the report funded in 1999/2000.	2002 - PE	\$0	\$650	\$0	\$0	\$0	\$0	\$0	\$650
12	Eagle River Loop Road Reconstruction [Old Glenn Highway to Eagle River Road] - Reconstruct to arterial standards including shoulders, turn lanes, pedestrian facilities, lighting and landscaping. Landscaping @ 5% of Construction \$ = \$535,000.	2001 - PE 2002 - D 2004 - ROW 2006 - Util/C	\$500	\$750	\$0	\$1,250	\$0	\$10,700	\$0	\$13,200
13	Old Seward Highway Reconstruction [O'Malley Road to Huffman Road] - Project will separate turning movements from through traffic, and improve access to adjacent commercial properties. Landscaping @ 5% of Construction \$ = \$300,000.	2002-03- D/Util 2004 - ROW 2006 - Util/C	\$0	\$1,300	\$0	\$2,000	\$0	\$7,000	\$0	\$10,300
14	Dowling Road Extension/Reconstruction [Lake Otis Parkway to Abbott Loop Road] - This and other similar roadway improvements will not be programmed unless they are recommended as a result of the East Anchorage Transportation Facilities Report (see #11).	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Eklutna River Bridge Rehabilitation/Replacement at Old Glenn Highway - Project to rehabilitate or replace the existing bridge. A new structure would have a design life of 50+ years and would include two travel lanes, shoulders, one pathway, and railing.	2001 - D 2002 - D 2004 - Util/C	\$250	\$250	\$0	\$2,000	\$0	\$0	\$0	\$2,500

**Amended Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
16	Old Glenn Highway Reconstruction [rural section, North Eagle River Exit to Peters Creek] - Project evaluates existing alignment, pavement conditions and pedestrian facilities. Project to be constructed in phases. *A PORTION OF THIS PROJECT MAY BE BROKEN OUT DURING PUBLIC REVIEW PERIOD OF THE DRAFT TIP AMENDMENT 4 TO EXPEDITE RECONSTRUCTION BETWEEN NERI AND FIRE LAKE ELEMENTARY. SCHOOL ACCESS	2002-03 - D/ROW/Util/C 2004 - ROW/Util 2005 - Util/C 2006+ - Util/C	\$0	\$1,552	\$1,895	\$2,530	\$5,190	\$0	\$7,000	\$18,167
17	Victor Road Reconstruction [Dimond Boulevard to 100th Avenue] - Will upgrade roadway to minor arterial standards, to include a minimum 3-lane section, pedestrian facilities, lighting, storm drainage, and landscaping.	See Table 3a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	DeArmoun Rd Reconstruction Phase I [Westwind Dr to 140th Avenue] - This project reconstructs the existing alignment, improving pavement condition and pedestrian facilities from Westwind to Hillside Drive. (Phase II construction is from 140th Avenue to Hillside.)	2001 - ROW 2002-D/ROW 2003 - Util/C	\$800	\$250	\$2,500	\$3,000	\$0	\$0	\$0	\$6,550
19	Abbott Loop Road Extension/Reconstruction [48th Avenue to Abbott Road] - This and other similar roadway improvements will not be programmed unless they are recommended in as a result of the East Anchorage Transportation Facilities Report (see #11). (Note: Assembly recommends combining this nomination with #41 on Needs List.)	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Spenard Road Rehabilitation [Hillcrest Drive to the Minnesota Drive On-ramp] - Project will rehabilitate Spenard Road, and includes pedestrian facilities. Recommend combining this project with 7a and 7b above for economy of design and public involvement.	2001 - PE/D 2002 - D 2003 - ROW 2004 - Util/C	\$150	\$75	\$0	\$150	\$415	\$0	\$0	\$790
21	Huffman Road Reconstruction [Old Seward Highway to Lake Otis Parkway] - Reconstruct & widen, as required, to meet future traffic demand. Provide missing links in pedestrian facilities, lighting, intersection improvements, and minimal landscaping.	2003 - D 2004 - ROW/Util 2006+ - Util/C	\$0	\$0	\$500	\$500	\$0	\$0	\$8,000	\$9,000
22	Dimond Boulevard Rehabilitation [Jewel Lake Road to Seward Highway] - Project is primarily a pavement rehabilitation; however, work effort is anticipated to be more than just a pavement overlay/rotomill. Funding for construction under table 3c for \$6.8M	2002 - PE/D	\$0	\$320	\$0	\$0	\$0	\$0	\$0	\$320
23	Eagle River Road Rehabilitation [MP 5.3 to MP 12.6] - Upgrade the road with widened shoulders for pedestrians, improved visibility, and repavement. No landscaping improvements recommended. Project to include parking improvements at Eagle River Nature Center.	2001 - PE 2003 - D 2004 - ROW 2005 - Util/C	\$500	\$0	\$500	\$600	\$7,500	\$0	\$0	\$9,100

**Amended Table 3. ROADWAY IMPROVEMENTS
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
24	Abbott Road Reconstruction [Lake Otis Parkway to Birch Road] - Improvements are not specific at this time, but could range from an improved 2-lane to 4-lane roadway, depending on long-term traffic need. Will include intersection and pedestrian improvements. Landscaping @ 5% of Construction = to be determined.	2004 - D 2005 - ROW 2006+ - Util/C	\$0	\$0	\$0	\$900	\$400	\$0	\$7,400	\$8,700
25	'A'/'C' Couplet Pavement Rehabilitation [6th Avenue to 40th Avenue] - Project rehabilitates pavement surfaces; some minor base work is expected. Project does not include landscaping or other streetscape improvements.	2005 - Util/C 2006 - Util/C	\$0	\$0	\$0	\$0	\$3,000	\$3,250	\$0	\$6,250
26	Boniface Parkway Rehabilitation [DeBarr Road to Tudor Road] - Resurface, restore, rehabilitate roadway, and includes evaluation of foundation/base stabilization, safety, drainage, landscaping and trails.	2004 - Design 2006 - PE 2006+ - ROW/Util/C	\$0	\$0	\$0	\$500	\$0	\$500	\$3,100	\$4,100
27	Whitney Road Reconstruction [North 'C' Street to Post Road] - Project to upgrade road to urban industrial standards. Improvements include curbs, lighting, pedestrian facilities, and some landscaping.	2004 - PE 2006 - D 2006+ - ROW/Util/C	\$0	\$0	\$0	\$500	\$0	\$500	\$5,250	\$6,250
28	Huffman Road Intersection Improvements [at Elmore, Lorraine and Pintail] - Project will reconstruct three intersections along Huffman Road to current standards, providing turning opportunities and sight distance improvements. (** At this time, the project is being reviewed by MOA Depts of Public Works and Planning in an effort to expedite completion of the Elmore/ Huffman Rd intersection improvement with the Elmore Road improvements, utilizing other funding sources.)	2002 - ROW/Util 2003 - Util/C	\$0	\$0	\$700	\$650	\$0	\$0	\$2,000	\$3,350
29	Anchorage Areawide Railroad Grade Separations - Study to review/analyze potential grade separations and recommend a program for improvements.	2004 - Study	\$0	\$0	\$0	\$250	\$0	\$0	\$0	\$250
	The contingency list of projects for each year will consist of the following year's projects.	ANNUAL TOTALS	\$30,240	\$26,012	\$27,717	\$23,037	\$34,400	\$28,950	\$56,450	\$226,806
	ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of October 2000] = approx. \$36.7m in 2001 + \$4.2m for Boniface Rehab (#5a) , \$35.9m in 2002, and \$42.05m in 2003.		\$40,850	\$35,900	\$42,050	\$38,200	\$39,450	\$40,600		\$237,050
	Approximate percentage (%) for roadways [72%, or \$25,300m, is the target]		74%	72%	66%	60%	87%	71%	6-year Average=	72%
	Amount under /(over) projected total funding level		\$10,610	\$9,888	\$14,333	\$15,163	\$5,050	\$11,650		6-year Avg =

**Amended Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding after 2006	needs total project	Estimated cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06			
			2001	2002	2003	2004	2005	2006			
1	Pedestrian Safety and Accessibility Improvements - Construct ramps, walkways, and curbs for pedestrians at various locations, to be determined. Includes ADA compliance improvements. Includes sidewalk on the east side of Muldoon Road, from 16th to 20th (FFY 2002 = \$200 for ROW and FFY 2003 funding for Construction) .	2001 - 2006 D/ROW/Util/C	\$550	\$400	\$1,417	\$250	\$400	\$400	\$200	\$3,617	
1a	Business Blvd Area Pedestrian Safety Improvements (Eagle River) - Construct pedestrian walkways along the entire length of Business Blvd where none currently exist.	2001 - Util/C	\$2,100	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100	
2	Ship Creek Trail Phases I, II, III & IV - Project will extend the Coastal Trail 4 miles, from current terminus at 2nd Avenue via Ship Creek to Glenn Hwy & connection to Government Hill. Phase I (2001 & 2002) funding to complete necessary design for entire trail, right-of-way, utilities and construct an estimated 600' feet of trail. Future construction segments to be finalized following completion of design. <i>Funding for construction needs to be adjusted in future TIP amendments/updates.</i>	2001 - D/ROW/Util/C 2002 - D 2003 - Util/C 2004 - Util/C 2005 - Util/C	\$900	\$300	\$3,613	\$3,000	\$3,000	\$0	\$0	\$12,140	
3	Coastal Trail (Southern Extension) - This project will extend the existing Coastal Trail south from Kincaid Park to Potter Marsh. (trail route to be selected). Future funds are shown as rough-estimate planning placeholders; actual cost to be determined, based on route. Project anticipated to be designed and constructed in phases.	2002 - PE/ D 2003 - D 2004 - ROW 2006 - Util/C 2006+ - D/ROW/Util/C	\$0	\$700	\$500	\$1,000	\$0	\$2,000	\$18,700	\$22,900	
4	Campbell Creek Trail Connection [Seward Highway to Tudor Road Crossing] - Project extends the existing Campbell Creek trail approximately 2.5 miles, and completes a key missing segment of the Anchorage trails network. Project does not include grade separations at Seward Highway or trail connection between Old Seward and New Seward Hwys. The grade separation will be included in the NHS Seward Hwy at International Airport Road grade separation project.	2001 - D/ROW/Util/C 2002 D/Util/C	\$2,650	\$1,750	\$0	\$0	\$0	\$0	\$0	\$4,400	
5	Chester Creek Trail Connection [Tudor Road Crossing to Goose Lake] - Project provides a connection from the Tudor Crossing to east of University Lake, minimizing impacts to neighborhoods and APU. Project also includes a multi-use paved trail connecting UAA student housing with main campus on Providence Drive.	2002 - PE/D 2003 - ROW/Util 2005 - Util/C	\$0	\$500	\$100	\$300	\$2,450	\$0	\$0	\$3,350	
6	Midtown Trail - Improve trail connection from Downtown to Midtown area along 'A'/C' Couplet. Focus is likely from Fireweed Lane to Tudor Road along the 'A' St corridor. Road intersection improvements are likely, but no grade separations are proposed.	2001 - D/ROW 2002 - D/ROW 2004 - Util/C	\$75	\$320	\$0	\$1,380	\$0	\$0	\$0	\$1,775	
7	5th & 6th Avenues Pedestrian Safety and Landscaping Improvements ['C' Street to Gambell Street] - Project to include an assessment of streetscape issues, street lighting and decorative improvements along the corridor. No additional ROW is programmed.	2004 - D 2005 - Util/C	\$0	\$0	\$0	\$250	\$1,000	\$0	\$0	\$1,250	
8	Anchorage Areawide Trails Rehabilitation - Project will analyze existing pathways for rehabilitation needs community-wide and promote specific projects to rehabilitate those existing pathways. The scope is primarily expected to include pavement replacement. Project to complement existing MOA/CIP program.	2001 - PE/D/C 2002 - D/C 2004 - D/C 2005 - Util/C		\$300	\$0	\$600	\$650	\$0	\$0	\$1,550	
9	Eagle River Greenbelt Access and Pathway - Construct 12 miles of new trail in the Eagle River Greenbelt, connecting the Briggs Bridge with the Visitor Center. Many new trails will be built and interpretive displays on the trails and at the trailheads.	2002 - PE 2004 - D 2006+ -ROW Util/C	\$0	\$500	\$0	\$500	\$0	\$750	\$5,500	\$7,250	
10	Glenn Highway Trail Rehabilitation [Muldoon Road to North Birchwood Loop] - Project to resurface existing trail. Project design and construction proposed in two phases.	2002 - PE/D 2003 - Util/C 2004 - PE/D 2005 - Util/C	\$0	\$150	\$0	\$750	\$300	\$0	\$1,500	\$2,700	
11 (see #5 Table 3)	Boniface Pedestrian Safety and Trail Improvements [Glenn Hwy to DeBarr Road] - Repair existing pedestrian facilities, add sidewalks on east and west sides, landscaping.	2001 - Util/C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

**Amended Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding after 2006	needs total project	Estimated cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06			
			2001	2002	2003	2004	2005	2006			
12	Muldoon Road Landscaping and Pedestrian Improvements [Regal Mountain to Bartlett Dr] - This funding will construct additional pedestrian amenities and minimal landscaping for the remainder of the corridor. .	2001 - D 2002 - ROW 2003 - Util/C 2004 - Util/C	\$100	\$0	\$2,160	\$1,150	\$0	\$0	\$0	\$0	\$3,410
13	Glenn Highway Trailhead Improvements [at Thunderbird Falls, Peters Creek, and South Fork of Eagle River] - Construct/improve existing trailheads with pedestrian and ADA (barrier-free) access routes near the trailhead parking areas.	2004 - PE/D 2006 - ROW/Util/C	\$0	\$0	\$0	\$0	\$400	\$0	\$2,600	\$3,000	
14	Campbell Tract Trail and Trailhead Improvements - Enhance trailheads and parking, as well as remove ADA impediments, provide interpretive displays. (Parking lot known as the Buckner Trailhead Parking Area). Project will provide an increase of 17 parking spots, for a total of 25, will provide for one entrance road instead of two, will improve layout, and will re-vegetate the area.	2004 - PE/D 2006 - Util/C	\$0	\$0	\$0	\$50	\$0	\$400	\$0	\$450	
15	Anchorage Areawide Sidewalks/Access to Schools - Analyze access to schools community-wide, and promote specific projects to provide pedestrian connections where none currently exist and where other funding sources are not available.	2004 - Study	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$75	
16	Dimond Boulevard Pedestrian and Landscaping Improvements [Jewel Lake Road to Old Seward Highway] - Project provides landscaping and pedestrian enhancements.	2004 - PE/D/ROW/Util 2006 - Util/C	\$0	\$0	\$0	\$0	\$150	\$350	\$0	\$500	
17	Potter Marsh Trailhead and Access Improvements - Will enhance parking lot, provide some new boardwalk connections at Potter Marsh Critical Habitat Area, and connect the Bird Treatment Learning Center on the Old Seward Hwy to the existing boardwalk. PE and design funded in previous program. Project recommended to be completed in phases due to substantial increase in construction cost estimates.	2002 - Util/C 2004 - Util/C 2006+ - Util/C	\$0	\$0	\$0	\$500	\$500	\$500	\$500	\$2,000	
	The contingency list of projects for each year will consist of the following year's projects	ANNUAL TOTALS	\$6,375	\$4,920	\$7,790	\$9,805	\$8,850	\$4,400	\$29,000	\$72,467	
	ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of October 2000] = approx. \$36.7m in 2001 + \$4.2M for Boniface Rehab #5a , \$35.9m in 2002, and \$42.05m in 2003.		\$40,850	\$35,900	\$42,850	\$38,200	\$39,450	\$40,600	\$57,800	\$237,850	
	Approx. Percentage (%) for Transportation Enhancement Improvements is 15%,)		16%	14%	18%	26%	22%	11%		18%	
	Estimated % of total funds for trail type improvements		9%	12%	10%	18%	19%	9%		13%	
	Estimated % of total funds for roadway type enhancements		2%	2%	8%	8%	4%	2%	0%	4%	
	Amount under / (over) projected funding level		\$34,475	\$30,980	\$35,060	\$28,395	\$30,600	\$36,200		\$165,383	

**Amended Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR, (\$,000)						Est funding needs after 2006	Estimated project	total costs
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06			
			2001	2002	2003	2004	2005	2006			
1	Anchorage Ridesharing/Transit Marketing Funds the operation of the MOA Share-A-Ride which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program. Also funds a comprehensive transit marketing effort.	2001 - 2006 Programming	\$470	\$510	\$550	\$580	\$610	\$640	\$670	\$4,030	
2	DMV & I/M Program Data Link -Project allows for real-time transmission of a passing inspection to DMV thus allowing for a "paperless" Certificate of Inspection.	2001 - Implement	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$300	
3	I/M Enhancement Program - The EPA-mandated On Board Diagnostic (OBD) test for 1996 and newer vehicles is 1/1/2001. In the OBD test, a vehicle's computer determines the I/M pass/fail. Modifications to the OBD test are anticipated to be needed to insure local concerns are addressed through slight software changes & I/M technician training. Emissions benefit determination and public awareness are needed for the transition.	2001 - Implement	\$270	\$0	\$0	\$0	\$0	\$0	\$0	\$270	
4	UAA/Providence Transit Center - The Providence/University Area Transportation Study recognized the importance of public transportation within, as well as to/from, the area. This project implements the study's recommendation for the construction of an area transit center, providing a safe location for passengers waiting for buses.	2003 - PE/D/ROW/C	\$0	\$0	\$2,500	\$0	\$0	\$0	\$0	\$2,500	
5	Automated Operating System [People Mover] - Project automates the operation of the fixed route buses including vehicle location, operating characteristics, customer real-time information, passenger counting equipment & improved management reporting capability.	2003 - Implement	\$0	\$0	\$2,400	\$0	\$0	\$0	\$0	\$2,400	
6	Youth Employment Program (transit stop and trail accessibility) - Program hires young people (16-22 years old) to improve bus stops. Activities include minor construction projects, clearing/grubbing landscaping, watering, planting landscaping beds/planters, etc.	2001 - 2006 Implementation	\$98	\$98	\$98	\$98	\$98	\$98	\$98	\$686	
7	New Eastside Area Anchorage Transit Center With changing travel patterns in the Anchorage area, the need for local transit hubs has increased. Hubs provide safe, convenient centers for bus riders to transfer between buses; eliminates travel time. Location to be determined.	2004 - C	\$0	\$0	\$0	\$2,500	\$0	\$0	\$0	\$2,500	
8	New CBD Transit Center - Would replace the existing transit center in the CBD. Expanded services are required. The facility is expected to be a public/private partnership serving the People Mover system, as well as other transportation operators. Location to be determined.	PE + D funded with FTA funds in FFY 2000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000	
9	Winter CO Season Free Bus Service Provides free bus service from Nov 1 to Jan 31 to reduce auto travel and promote transit ridership. (funded in FFY 1999 and 2000)	NA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
10	Purchase of Regenerative Air and Mechanical Street Sweepers for MOA Purchase up to three new street sweepers to complete the addition to the MOA fleet initiated in 1999. These sweepers can operate at subfreezing temperatures using liquid magnesium chloride as a wetting agent to suppress dust. Program also funded in FFY 1999, 2000.	2001 - Purchase	\$400	\$0	\$0	\$0	\$0	\$0	\$0	\$400	
11	Winter Sidewalk Maintenance Provide maintenance in neighborhoods that connect with the transit system with the top bus stops. Program started in previous TIP, FFY2000.	2001 - 2002 Implementation	\$175	\$200	\$0	\$0	\$0	\$0	\$0	\$375	
12	I/M Evader Sticker Program - Provide additional investigative staff to improve enforcement of I/M Program requirements. Provide repair assistance to ensure failing vehicles, identified through the enforcement efforts, are repaired for those vehicle owners with economic hardships.	2001 - 2003 Implementation	\$150	\$845	\$745	\$0	\$0	\$0	\$0	\$1,740	
13	Compressed Natural Gas Fleet - Acquisition of natural gas fueled vehicles for State and Municipal vehicles and subsidize cost of private fleet(s). Includes funding for CNG education/ training, program administration. Program requires purchase of dedicated fueled vehicles provided by original equipment manufacturers.	2003 - 2005 Purchase & Admin	\$0	\$300	\$0	\$300	\$300	\$0	\$0	\$900	

**Amended Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)						Est funding needs after 2006	Estimated project	total costs
			10/00-9/01 2001	10/01-9/02 2002	10/02-9/03 2003	10/03-9/04 2004	10/04-9/05 2005	10/05-9/06 2006			
14	Anchorage School District Compressed Natural Gas Buses This project is contingent on the success of the CNG pilot program funded in FFY2000 for ASD. Project would provide funding for purchase of 5 dedicated CNG buses in 2002 and 5 more in 2003. Ten buses would be acquired in these years. Project includes a CNG fueling station in 2001.	2001 - fueling station/ Vehicle Purchase 2004 - 2005 Purchase	\$50	\$0	\$0	\$500	\$500	\$0	\$0	\$1,050	
15	Transit Fleet Expansion- This project will begin expansion for the People Mover Public Transportation System. Up to three buses will be purchased annually, with vehicle type and configuration determined from a Route Restructure Analysis conducted in 2001.	2002 - 2006 Fleet Expansion	\$0	\$1,425	\$0	\$1,890	\$990	\$1,100	\$0	\$5,405	
16	Air Quality Public & Business Awareness Education Campaign The goal of this program is to further inform the public about air quality issues and what steps people may take to reduce pollution, as well as inform the business community about local air quality issues and steps they can take to reduce air pollution.	2001 - 2006 Implementation	\$110	\$265	\$190	\$110	\$110	\$110	\$0	\$895	
17	Anchorage School District (ASD) Indoor Bus Storage This project provides for the design and construction of a heated indoor storage barn for the ASD bus fleet to minimize diesel cold starts, increase winter warm up time for student comfort and safety. Location to be determined. Project construction to be 50% funded by ASD.	2004 - PE/D 2006 - C	\$0	\$0	\$0	\$500	\$0	\$2,750	\$0	\$3,250	
18	Liquid magnesium chloride for street sweepers This project would increase early spring street sweeping activity by acquiring additional liquid de-icer for sub-freezing sweeping. Concludes federal funding for the project started in previous TIP, FFY 1999 and FFY 2000.	2001 - Purchase	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$100	
19	Bicycle and Pedestrian Safety Campaign [AMATS portion of statewide program] - Project funds a bicycle and pedestrian commuter education program and survey, which would include a safety component. Project started in previous TIP, FFY 1999 & 2000.	2001 - Programming	\$125	\$0	\$0	\$0	\$0	\$0	\$0	\$125	
20	Private Sector Block Heater Program Develop a block heater program in which the use of block heaters and electrical outlets are increased. The purpose of this program is to reduce cold start emissions from commuters.	2001 - Start-up 2002 - Design/Implement	\$100	\$815	\$0	\$1,500	\$0	\$0	\$0	\$2,415	
21	Oxygen Sensor Replacement Program- First-year design money to be used to verify strategy & set-up program. Project to enhance benefits of I/M program to increase effectiveness.	2002 - Evaluation 2005 - Implement	\$0	\$150	\$0	\$0	\$1,600	\$0	\$0	\$1,750	
22	Transportation Research Household Survey Project to conduct a statistically significant survey of approximately 1500 Anchorage households. The survey will address the origin and designation of major trips and their purposes.	2001 - Implement	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$150	
23	Transit Route Analysis- Project to evaluate the existing and future Anchorage People Mover route system to improve its efficiency and effectiveness.	2001 - Implement	\$175	\$0	\$0	\$0	\$0	\$0	\$0	\$175	
24	PM-10 (dust) Control Program- Program to enhance existing dust control program	2001 - 2003 Implementation	\$110	\$110	\$110	\$0	\$0	\$0	\$0	\$330	
25	Anchorage Bowl LRTP -Funding for the Anchorage Bowl Long- Range Transportation Plan Update for 2025.	2002 Implementation	\$0	\$250	\$0	\$0	\$0	\$0			
	The contingency list of projected for each year will consist of the following year's projects.	ANNUAL TOTALS	\$2,783	\$4,968	\$6,593	\$7,978	\$4,208	\$4,698	\$10,768	\$41,091	
	ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of October 2000] = approx. \$36.7m in 2001 + \$4.2M for Boniface Rehab #5a; \$35.9m in 2002; \$42.05m in 2003.		\$40,850	\$35,900	\$42,050	\$38,200	\$39,450	\$40,600			
	Amount under / (over) projected total CMAQ allocation level		\$38,067	\$30,932	\$35,457	\$30,222	\$35,242	\$35,902			

**Amended Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR , (\$,000)						Est funding needs after 2006	Estimated project	total costs
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06			
			2001	2002	2003	2004	2005	2006			
	Approximate Percent (%) for Congestion Mitigation & Air Quality, FFY2001 = \$5M		8%							6-yr Avg	
	Approximate Percent (%) for Congestion Mitigation/Air Quality, FFY2002-2006 = \$3M annually)			14%	18%	21%	11%	12%			14%

**Amended Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan 2001 List *	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06		
			2001	2002	2003	2004	2005	2006		
1	Glenn Highway Reconstruction [Gambell Street to McCarrey Street] Reconstruct as recommended in the 1997 AMATS Long-Range Transportation Plan for the Anchorage Bowl, to meet long-term capacity needs.	2002 - PE 2003 - Design 2004 - ROW 2006 - Utilities 2006+ - Util/Const	\$0	\$700	\$2,200	\$10,000	\$0	\$6,200	\$31,100	\$50,200
2	<i>NOTE: see new # 17</i> Glenn Highway Surface Rehabilitation [McCarrey Street to South Birchwood Interchange (MP 2 - 17)] - Rehabilitate surface.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	<i>NOTE: see new # 17</i> Glenn Highway Surface Rehabilitation [South Birchwood Interchange to Eklutna Exit (MP 17 - 26)] - Surface Rehabilitation. May include minor improvements at the Eklutna Overpass to reduce strikes by overheight vehicles. Includes design of pavement rehab from Airport Heights Rd to South Birchwood I/C.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	International Airport Road at New Seward Highway Grade Separation - Construct a grade-separated intersection on the New Seward Hwy at International Airport Rd, including trails and landscaping.	2003 - PE/Design 2004 - ROW 2005 - Util/Const	\$0	\$0	\$1,100	\$2,000	\$12,160	\$0	\$0	\$15,260
5	LED Signal Installation —Install energy-saving LED signal displays.	2001 — Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Minnesota Drive and International Airport Road Interchange - Construct follow-on project to include trails and landscaping.	2001 - Design 2003 - Util/Const	\$600	\$0	\$3,650	\$0	\$0	\$0	\$0	\$4,250
7	International Airport Road Interchanges & Railroad Grade Separations [at Jewel Lake Road & Internat'l Airport Road and at Postmark Drive & Internat'l Airport Road] - Construct interchange at Jewel Lake/ Spenard Road and Internat'l Airport Road. Will also grade- separate railroad crossings for Internat'l Airport and Spenard Roads, improving safety and capacity. Trails, landscaping included. Project also reevaluates environmental document and designs the I/C at Postmark Drive.	2006 - Prelim Eng 2006+ - D/ROW/Util/C	\$0	\$0	\$0	\$0	\$0	\$1,500	\$22,000	\$23,500
8	<i>NOTE: see new # 17</i> Muldoon Road Surface Rehabilitation [36th Avenue to Glenn Highway] - Rehabilitate pavement.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	O'Malley Road/'C' Street Interchange [Develop interchange on O'Malley Road at 'C' Street] - The current 'C' Street Extension project is preparing the environmental document and design for the 'C' Street and O'Malley Road interchange .	2004 - Util/Const	\$0	\$0	\$0	\$5,500	\$0	\$0	\$0	\$5,500
10	O'Malley Road Interchanges at Old and New Seward Highways - Develop directional interchange at New Seward Highway. Project will elevate Old Seward Highway over O'Malley Road.	2004 - Design 2006 - Utilities	\$0	\$0	\$0	\$1,500	\$0	\$500	\$35,000	\$37,000
11	<i>NOTE: see new # 17</i> Seward Highway Surface Rehabilitation [Potter Section House to Huffman Road (MP 115.7 to 119.2)] - Pavement rehabilitation of 3.5 miles section of the Seward Highway.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Amended Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan 2001 List *	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06		
			2001	2002	2003	2004	2005	2006		
12	New Seward Highway [Rabbit Creek to 36th Avenue] - Analyze and identify needed transportation improvements in the Seward Highway Corridor, between Rabbit Creek and 36th Avenue. Improvements to be considered may include: widening from four to six lanes; modify existing interchanges; grade separation at 36th Ave; rehabilitate existing frontage roads on east/west sides of New Seward Hwy from Tudor to O'Malley; and construct a new western frontage road between Dimond and O'Malley, including bike lane and drainage improvements; overcrossings at 68th, 76th and 92nd Ave.; extension and upgrade of 92nd to minor arterial standards; construct frontage roads along New Seward Hwy; and pedestrian & bike facilities.	2003 - PE 2004 - ROW 2005 - Util 2006 - Util/Const	\$0	\$0	\$3,000	\$3,000	\$7,500	\$25,000		\$38,500
13	New Seward Highway at Dimond Interchange [Capacity Improvement] - Will construct loop in southeast quadrant of New Seward Highway/Dimond Interchange.	2001 - Util/Const	\$5,540	\$0	\$0	\$0	\$0	\$0	\$0	\$5,540
14	New Seward Highway Improvements [36th Avenue to 20th Avenue] Identify needed transportation improvements consistent with the AMATS Anchorage Bowl Long-Range Transportation Plan, and prepare the appropriate environmental document for those improvements.	2004 - Prelim Eng 2005 - Design	\$0	\$0	\$0	\$3,000	\$3,000	\$0	\$80,000	\$86,000
15	NHS Intersection Improvements - Design and construct improvements to enhance traffic flow on the Glenn Highway, from Airport Heights Road to McCarrey Street; on Tudor Road at Old Seward Highway and Bragaw Street; and on Minnesota and Northern Lights Boulevard.	2001 - ROW 2002 - D/Util/Const	\$400	\$1,855	\$1,970	\$0	\$0	\$0	\$0	\$4,225
16	<i>NOTE: see new # 17</i> Tudor Road Surface Rehabilitation [Minnesota Drive to 36th Avenue] - Rehabilitate 6.4 miles of pavement.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	NHS Arterial Rut Repair / Pavement Rehabilitation - Project works in conjunction with the Pavement Management System and the Maintenance & Operations pavement projects to maximize efficiency and speed of response to pavement needs in Anchorage. <i>Replaces five formerly individual projects (2, 3, 8, 11, 16).</i> Project anticipated to start in 2001 with Glenn Highway (S Birchwood to Eklutna) and Seward Hwy (south of Huffman Rd). 2002 targeted for Seward Highway (continuing to Potter Section House) and Glenn Highway (north of S Birchwood).	2001 - PE/D/C 2002 - 2005 - D/Util/C 2006 - Util/Cons	\$3,610	\$3,950	\$6,950	\$7,000	\$7,000	\$6,750	\$0	\$35,260
18	International Airport Road and Postmark Drive Intersection Improvements - Construct intersection improvements to accommodate AIA access improvements at International Airport Road and Postmark Drive, projects also includes railroad embankment. <i>(to be delivered with new #19)</i> .	2001 - Util/Const	\$7,948	\$0	\$0	\$0	\$0	\$0	\$0	\$7,948
19	International Airport Road Rehabilitation - Replace pavement, construct drainage improvements between the airport and Minnesota Drive <i>(delivered with new #18)</i> .	2001 - Util/Const	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500

**Amended Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan 2001 List *	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Estimated total project cost
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06		
			2001	2002	2003	2004	2005	2006		
20	New Seward Highway [Potter to Rabbit Creek Road] - Project to rehabilitate the Highway from Potter to Rabbit Creek. Evaluation of need for passing lanes.	2004-2005 - PE/D 2006 - Util/C	\$0	\$0	\$0	\$200	\$200	\$100	\$2,600	\$3,100
21	NHS Road, Pavement and Bridge Refurbishment - New Seward & Glenn Highway Hightower Light Rehabilitation.	2001 - D 2002 - Util/Const	\$200	\$210	\$3,300	\$0	\$0	\$0	\$2,600	\$6,310
22	Knik Arm Crossing Study	2002 - PE 2003 - PE/Design	\$0	\$600	\$2,000	\$0	\$0	\$0	\$0	\$0
	The contingency list of projected for each year will consist of the following year's projects. (Note: Table is not shown in priority order. These projects have not been ranked).	ANNUAL TOTALS	\$20,798	\$7,315	\$24,170	\$32,200	\$29,860	\$40,050	\$173,300	\$325,093

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

	PROJECT LOCATION	PROJECT PHASING PLAN	Carryover	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				2001	2002	2003	2004	2005	2006		
	Municipality of Anchorage - FTA Section 5307 Funds										
1	1% Transit Enhancement - TEA-21 establishes a minimum annual expenditure requirement of one percent for transit projects and eligible enhancements [historic preservation of mass transportation facilities, bus shelters, landscaping and other scenic beautification, transit furnishings, public art, pedestrian access and walkways, bicycle access and bike storage, transit connections to parks, signage, and enhanced access for persons with disabilities to mass transportation].	2001 - 2006 Implementation	NA	\$37	\$34	\$37	\$39	\$42	\$45	\$0	\$234
2	Bus Stop Improvements - This project funds the upgrade of bus stop sites to meet both the federally-mandated Americans with Disabilities Act [ADA] requirements and the operational needs. Typical improvements include bus shelters, benches, trash receptacles, landscaping, grading, paving, utility relocations, lighting, curb adjustments, drainage, constructing paths, and construction/reconstruction of turnouts.	2001 - 2006 Implementation	NA	\$1,550	\$795	\$1,010	\$750	\$750	\$950	\$0	\$5,805
3	Preventive Maintenance / Capital Maintenance - FTA [Federal Transit Administration] allows grantees to use capital funds for overhauls and preventative maintenance. FTA assistance for these items is based on a percentage of annual vehicle maintenance costs [up to 20%].	2001 - 2006 Implementation	NA	\$515	\$552	\$588	\$630	\$674	\$720	\$0	\$3,679
4	Fleet Improvement - This project funds improvements to existing transit and paratransit fleets. Typical projects include a ticket reader and issue attachment, which issues passenger passes on the bus; security systems; transit/signal improvements for headway enhancements; mobile display terminals; and vehicle communications and locations systems.	2001 - 2006 Implementation	NA	\$290	\$235	\$250	\$1,077	\$1,598	\$800	\$0	\$4,250
5	Support Vehicles - This project funds purchase of replacement vehicles and equipment to support operation of the transit system. Typical purchases include pickup trucks, maintenance trucks with special equipment, supervisor vehicles, shift change vehicles, fork lifts, sweepers, and bus access snow removal equipment.	2002 - 2004 & 2006 Purchase	NA	\$0	\$70	\$90	\$70	\$0	\$190	\$0	\$420
6	New CBD Transit Center - This project would replace the existing transit center in the CBD with a new facility. Expanded services are required. The facility is expected to be a public/private partnership serving the People Mover system, as well as other transportation operators. Location to be determined. Construction is programmed for CMAQ funding after 2006.	2002 - PE 2003 - D	NA	\$0	\$350	\$500	\$0	\$0	\$0	\$0	\$850
7	Paratransit Vehicles / Major Maintenance Equipment - This project funds the fleet expansion and replacement for the AnchorRIDES paratransit service and the Vanpool program. Major maintenance funding for these vehicles is provided for the most efficient use of this equipment.	2001 - 2006 Implementation	NA	\$930	\$754	\$640	\$920	\$640	\$950	\$0	\$4,834

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

	PROJECT LOCATION	PROJECT PHASING PLAN	Carryover	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				2001	2002	2003	2004	2005	2006		
8	Automated Operating System / AnchorRIDES - The project improves the system by collecting real-time vehicle location information and further automating the scheduling/dispatch functions that will substantially improve the system.	2002, 2004 & 2006 Implementation	NA	\$0	\$600	\$0	\$100	\$0	\$200	\$0	\$900
9	Automated Operating System / People Mover - This project automates the operation of the fixed route buses including vehicle location and operating characteristics, customer real-time information, passenger counting equipment and improved management reporting capability.	2005-2006 Implementation	NA	\$0	\$0	\$0	\$0	\$100	\$200	\$0	\$300
10	ADA Complementary Paratransit Services - Costs associated with ADA paratransit programs are eligible for this funding. The project funds the ADA paratransit eligibility process with a transportation skills assessment and a travel training program for people who could benefit from individualized instruction regarding how to independently ride People Mover buses.	2001 - 2006 Purchase	NA	\$229	\$235	\$242	\$249	\$257	\$275	\$0	\$1,487
11	Management Information Systems - This project funds information systems necessary for efficient management of the public transportation system. Typical projects include: Geographic Information Systems [GIS] capabilities, upgrades to the automated maintenance system, refueling, and inventory system; a new computerized dispatch system; and upgrades to the scheduling/run-cutting process, customer information and telephone communications system, and desktop computers.	2001 - 2006 Implementation	NA	\$168	\$121	\$320	\$100	\$150	\$175	\$0	\$1,034
11a	2001 Special Olympics Winter Games - project to provide support/transit for Anchorage	2001 Implementation	NA	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400
	<i>subtotal FTA Section 5307 Transit funding to the MOA</i>			\$3,719	\$3,746	\$3,677	\$3,935	\$4,211	\$4,505	\$0	\$23,793
	Alaska Railroad - FTA Section 5307 and Section 5309 Funds										
12	Anchorage to Anchorage International Airport Spur "Wye" (Sec 5309 Fixed Guideway) - The Alaska Railroad Corp is expanding its track with an additional rail line next to ARRC's main line in locations throughout the Wasilla - Girdwood operating area; specific project in 2002 -2003 will be MP114 to MP110.3 which includes switches at International "wye". Project will include environmental analysis, design, construction and rehabilitation of track and bridge structures and signaling systems.	2002-2003 Implementation	NA	\$0	\$5,945	\$500	\$0	\$0	\$0	\$0	\$6,445
13	Anchorage Railroad Depot Improvements (Sec 5307) - Projects to improvements the passenger service area and roof drains at the Anchorage Depot, sidewalks, lighting, landscaping and other pedestrian amenities.	2001 - 2002 Implementation	\$77	\$1,025	\$500	\$0	\$0	\$0	\$0	\$0	\$1,602
14	International Airport Railroad Spur Wye - Project completes south leg of the Airport Spur wye and upgrade tracks into new rail station. Includes signalization as needed	2002 Implementation	FRA	\$998	\$0	\$0	\$0	\$0	\$0	\$0	\$998
15	1% Transit Security on the Alaska Railroad Corporation projects (Sec 5307)	2001 - 2006 Appropriation	NA	\$50	\$50	\$50	\$50	\$50	\$50	\$0	\$300

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

	PROJECT LOCATION	PROJECT PHASING PLAN	Carryover	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				2001	2002	2003	2004	2005	2006		
16	Rail Extensions, signalization and remotely controlled power switches.	2001 - 2006 Implementation	FRA	\$6,000	\$6,000	\$6,000	\$10,000	\$10,000	\$10,000	\$0	\$48,000
17	Girdwood to Wasilla Commuter Rail Project (Sec 5309) - Alaska Railroad Corporation will straighten re-align, signalize and add additional track between MP 75, Girdwood and MP 158.6, Wasilla. Project includes construction and rehabilitation of bridge structures as necessary. This project contains three independent segments 1) MP105-MP111- Klatt Road to Spenard Builders Supply in Anchorage, 2) MP127 - MP146- Eagle River to Knik River, and 3) MP146-MP158.6- Knik River to Wasilla. (funding shows only AMATS boundaries)	2001 - 2003 Implementation	\$10,246	\$9,287	\$12,500	\$0	\$0	\$0	\$0	\$0	\$32,033
18	Construct Second Railroad main track through Anchorage Yard, including accessories services (Sec 5309 Fixed Guideway).	2004- Implementation	NA	\$0	\$0	\$0	\$6,000	\$0	\$0	\$0	\$6,000
19	Ship Creek Intermodal Facility (5309 "Earmark") Development of a transportation hub (bus, rail, parking, pedestrian services located in the Ship Creek Area.	2001 - 2006 Implementation	\$5,334	\$6,200	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$0	\$51,534
20	Ship Creek Pedestrian Trail Construction (Sec 5307) funds will assist the Municipality of Anchorage in constructing a portion of the Ship Creek Trail through ARRC's main railyard. Project will most likely be an underpass, with associated safety fencing.	2003 Implementation		\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$1,500
21	Construct new Anchorage Railroad Passenger Maintenance Facility (FY '01, '02 - Sec 5307, FY '03 Sec 5309 "Earmark") (with accessories equipment and services) and related track.	2001 - 2004 Implementation	NA	\$730	\$987	\$22,000	\$0	\$0	\$0	\$0	\$23,717
22	Construct new Locomotive Servicing Facility (FY '02 - Sec 5307, FY '03 - Sec 5309 "Earmark") in Anchorage	2002 - 2003 Implementation	NA	\$0	\$0	\$12,500	\$0	\$0	\$0	\$0	\$12,500
23	Ted Stevens Anchorage International Airport Rail Station - completion of rail station, platform, approach, furniture, fixtures and equipment;	2001 - 2002 Implementation	FRA	\$9,000	\$17,000	\$0	\$0	\$0	\$0	\$0	\$26,000
24	Construct new 6,000-foot yard track in Anchorage yard	2002- Implementation	FRA	\$0	\$0	\$0	\$1,500	\$1,500	\$1,500	\$0	\$4,500
26	Track Rehabilitation, realignment and Expansion, Elmendorf AFB and Ft Richardson, continue program of expansion, double tracking, signalization across military bases	2001-2003 Implementation	DOD FRA	\$10,000	\$12,000	\$22,000	\$10,000	\$0	\$0	\$0	\$54,000
	<i>subtotal FTA Sections 5307 & 5309 Transit funding to ARRC</i>			\$43,290	\$54,982	\$74,550	\$37,550	\$21,550	\$21,550	\$0	\$269,129
	Municipality of Anchorage - FHWA/STP [CMAQ, Table 5] funds (projects are duplicated here to illustrate entire transit program)										

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

	PROJECT LOCATION	PROJECT PHASING PLAN	Carryover	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				2001	2002	2003	2004	2005	2006		
27	Anchorage Ridesharing / Transit Marketing - Funds the operation of the MOA Share-A-Ride which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program. Also funds a comprehensive transit marketing effort.	2001 - 2006 Programming	NA	\$470	\$510	\$550	\$580	\$610	\$640	\$0	\$3,360
28	UAA/Providence Transit Center - The Providence/University Area Transportation Study recognized the importance of public transportation within as well as to/from the Area. This project implements the study's recommendation for the construction of an area transit center, providing a safe location for passengers waiting for buses.	2002 -C	NA	\$0	\$0	\$2,500	\$0	\$0	\$0	\$0	\$2,500
29	Automated Operating System / People Mover - This project includes vehicle location and operating characteristics, customer real-time information, passenger counting equipment, and improved management reporting capability.	2003- Implementation	NA	\$0	\$0	\$2,400	\$0	\$0	\$0	\$0	\$2,400
30	Youth Employment Program for transit stop and trail accessibility - This program hires young people (16-22 years old) to improve bus stops. Typical activities include minor construction projects, clearing and grubbing of landscaping, watering, planting landscaping beds and planters, etc.	2001 - 2006 Implementation	NA	\$99	\$99	\$99	\$99	\$99	\$99	\$0	\$594
31	New Eastside Area Anchorage Transit Center - With changing travel patterns in the Anchorage area, the need for local transit hubs has increased. Hubs provide safe, convenient centers for bus riders to transfer between buses, eliminates the need to travel to the CBD, and reduces travel time. Location to be determined.	2004 - C	NA	\$0	\$0	\$0	\$2,500	\$0	\$0	\$0	\$2,500
32	Winter CO Season Free Bus Service - Project provides free bus service from Nov 1 through Jan 31 to reduce auto travel and promote transit ridership. Funding for third year is contingent upon success of program in increasing ridership. (Funded in FFY1999 and FFY2000.)	NA	NA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	Winter Sidewalk Maintenance - Provide maintenance in neighborhoods that connect with the transit system. Program started in previous TIP, FFY2000.	2001 - 2002 Implementation	NA	\$175	\$200	\$0	\$0	\$0	\$0	\$0	\$375
34	Transit Fleet Expansion - This project will begin expansion for the People Mover Public Transportation System. Up to three buses will be purchased annually, with vehicle type and configuration determined from a Route Restructure Analysis conducted in 2001.	2001 - 2006 Fleet Expansion	NA	\$0	\$1,425	\$930	\$960	\$990	\$1,100	\$0	\$5,405
	<i>subtotal FHWA/CMAQ Transit funding</i>			\$744	\$2,234	\$6,479	\$4,139	\$1,699	\$1,839	\$0	\$17,134
	Total Transit Program (FTA {5307+5309} + FRA+ FHWA {CMAQ})			\$47,753	\$60,962	\$84,706	\$45,624	\$27,460	\$27,894	\$0	\$310,056

**Amended Table 8. Other Federally-Funded Projects within AMATS Area
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan. 2001	PROJECT DESCRIPTION	PROJECT PHASING PLAN	Carryover	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Estimated total needs after 2006	Total project cost
				1000-901	1001-902	1002-903	1003-904	1004-905	1005-906		
				2001	2002	2003	2004	2005	2006		
HP	Ship Creek Access - Construct new access route to Ship Creek area in Anchorage	2001 - PE/D 2002 - ROW 2003 - Util/C	NA	\$1,500	\$2,000	\$7,644	\$0	\$0	\$0	\$0	\$11,144
A	Recreational Trails for Alaska - This program is administered by the Alaska Dept of Natural Resources, Division of Parks and Outdoor Recreation. The program makes funds available through a competitive process for trails improvements. Funding estimate based on 2000 grant awards within AMATS area.	2001 - 2003 Programming	NA	\$45	\$45	\$45	\$45	\$45	\$45	\$45	\$315
B	Eklutna Lake Road Surface Treatment - Project will provide a hard surface road treatment on gravel roadbed and improvements necessary to support the hard surface. Part of a Statewide Road Surface Treatment Program.	2002 - Construction	NA	\$0	\$2,950	\$0	\$0	\$0	\$0	\$0	\$0
C	Anchorage to Anchorage International Airport Spur "Wye" (Sec 5309 Fixed Guideway) - The Alaska Railroad Corp is expanding its track with an additional rail line next to ARRC's main line in locations throughout the Wasilla - Girdwood operating area; specific project in 2002 -2003 will be MP114 to MP110.3 which includes switches at International "wye". Project will include environmental analysis, design, construction and rehabilitation of track and bridge structures and signaling systems.	2002-2003 Implementation	NA	\$0	\$5,945	\$500	\$0	\$0	\$0	\$0	\$6,445
D	Anchorage Railroad Depot Improvements (Sec 5307) - Project to improve the passenger service area and roof drains and paving at of the Anchorage Depot, sidewalks, lighting, landscaping and other pedestrian amenities.	2001 - 2002 Implementation	\$77	\$1,025	\$500	\$0	\$0	\$0	\$0	\$0	\$1,602
E	International Airport Railroad Spur Wye - Project will complete the south leg of the Airport Spur wye and upgrade tracks into new rail station. Includes signalization as necessary	2002 Implementation	FRA	\$998	\$0	\$0	\$0	\$0	\$0	\$0	\$998
F	1% Transit Security on the Alaska Railroad Corporation projects (Sec 5307)	2001 - 2006 Appropriation	NA	\$50	\$50	\$50	\$50	\$50	\$50	\$0	\$300
G	Rail Extensions, signalization and remotely controlled power switches.	2001 - 2006 Implementation	FRA	\$6,000	\$6,000	\$6,000	\$10,000	\$10,000	\$10,000	\$0	\$48,000
H	Girdwood to Wasilla Commuter Rail Project (Sec 5309) - Alaska Railroad Corporation will straighten re-align, signalize and add additional track between MP 75, Girdwood and MP 158.6, Wasilla. Project includes construction and rehabilitation of bridge structures as necessary. This project contains three independent segments 1) MP105-MP111- Klatt Road to Spenard Builders Supply in Anchorage, 2) MP127 - MP146- Eagle River to Knik River, and 3) MP146-MP158.6- Knik River to Wasilla. (funding shows only AMATS boundaries)	2001 - 2004 Implementation	\$10,246	\$9,287	\$12,500	\$0	\$0	\$0	\$0	\$0	\$32,033
I	Construct Second Railroad main track through Anchorage Yard including accessories services (Sec 5309 Fixed Guideway).	2004 Implementation	NA	\$0	\$0	\$0	\$6,000	\$0	\$0	\$0	\$6,000
J	Ship Creek Intermodal Facility (5309 "Earmark") Development of a transportation hub (bus, rail, parking, pedestrian services) located in the Ship Creek Area.	2001 - 2006 Implementation	\$5,334	\$6,200	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$0	\$51,534
K	Ship Creek Pedestrian Trail Construction (Sec. 5309) funds will assist the Municipality of Anchorage in construction a portion of the Ship Creek Pedestrian Trail through ARRC's main railyard. Project will most likely be an underpass, with associated safety fencing.	2003 Implementation		\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$1,500

**Amended Table 8. Other Federally-Funded Projects within AMATS Area
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)**

Jan. 2001	PROJECT DESCRIPTION	PROJECT PHASING PLAN	Carryover	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Estimated total needs after 2006	Total project cost
				10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06		
				2001	2002	2003	2004	2005	2006		
L	Construct new Anchorage Railroad Passenger Maintenance Facility (FY '01, '02 - Sec 5307, FY '03 Sec 5309 "Earmark") (with accessories equipment and services) and related track.	2001 - 2004 Implementation	NA	\$730	\$987	\$22,000	\$0	\$0	\$0	\$0	\$23,717
M	Construct Locomotive Servicing Facility (FY '02 - Sec 5307, FY '03 - Sec 5309 "Earmark") in Anchorage	2002 - 2003 Implementation	NA	\$0	\$0	\$12,500	\$0	\$0	\$0	\$0	\$12,500
N	Ted Stevens Anchorage International Airport Rail Station - completion of rail station, platform, approach, furniture, fixtures and equipment.	2001 - 2002 Implementation	FRA	\$9,000	\$17,000	\$0	\$0	\$0	\$0	\$0	\$26,000
O	Construct additional tracks in Anchorage yard	2002- Implementation	FRA	\$0	\$0	\$0	\$1,500	\$1,500	\$1,500	\$0	\$4,500
P	Track Rehabilitation, realignment and Expansion, Elmendorf AFB and Ft Richardson, continue program of expansion, double tracking, signalization across military bases	2001-2003 Implementation	DOD FRA	\$10,000	\$12,000	\$22,000	\$10,000	\$0	\$0	\$0	\$54,000
ANNUAL TOTALS - Other Federally-funded Improvements within the AMATS Area				\$44,835	\$59,977	\$82,239	\$37,595	\$21,595	\$21,595	\$45	\$280,588

Amended Table 9. NATIONAL HIGHWAY SYSTEM IMPROVEMENTS
Outside AMATS, Within the Municipality of Anchorage
AMATS FFY 2001-2003 TIP (February 2002, Amendment #4)

<i>for information only, no approval required</i>										
Jan 2000 RANK	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR , (\$,000)						Estimated funding needs after 2006	Estimated total project cost
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06		
			2001	2002	2003	2004	2005	2006		
1	Whittier Access Improvements - Construct a combination one and two-way paved road, including the shared use of one tunnel by automobiles and trains	2001 - Utility & Construction	\$26,000	\$0	\$0	\$0	\$0	\$0	\$0	\$26,000
2	Whittier Maintenance and Operations - Federal-aid eligible portion of Whittier tunnel and approaches, maintenance and operations performed by contractor prior to turnover to ADOT&PF.	2001-2006 - Construction	\$2,156	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000	\$20,156
3	Seward Highway MP 75 - 90 [Ingram Creek to Girdwood Road and Bridge Rehabilitation] - Rehabilitate pavement and rehabilitate or replace the following bridges: Placer Creek #0627 & 0629, Portage Creek #0630 and 0631, 20 Mile River #0634, Peterson Creek #0636, Virgin Creek #0638, and Glacier Creek #0639. Provide grade separation of railroad crossing near the intersection of Portage Valley Road and the Seward Highway. Construct passing lanes and a separated trail	2003 - Design 2004 - Design 2006 - ROW	\$0	\$0	\$1,300	\$0	\$2,500	\$1,800	\$39,260	\$44,860
4	Seward Highway MP 97 - 99 [Bird Point to Bird, Passing Lanes] - Design and construct passing lanes and a trail between Bird Point and Bird. Project includes passing lanes and bike/ped trail. Segment of Seward Highway Passing Lanes Project. COMBINED WITH PROJECT 5 BELOW CURRENT PROJECT NAME: MP 96-202 SAFETY, ROADWAY and RECREATIONAL IMPROVEMENTS	2001 - ROW 2002 - Construction	\$500	\$14,100	\$0	\$0	\$0	\$0	\$0	\$14,600
5	Seward Highway MP 101.5 [Bird Creek Parking] - Construct parking lot at Bird Creek to provide parking for recreational users. Will improve safety by reducing parking on the shoulders of Seward Highway. This is a segment of the Seward Highway Passing Lanes project. COMBINED WITH PROJECT 4 ABOVE - SEE ABOVE FOR FUNDING DETAIL	2002 - Utility & Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Seward Highway MP 99 - 104 [Bird & Indian Bypass] - Design and construct the relocation of Seward Highway to bypass the communities of Bird and Indian. Project includes passing lanes and bicycle/pedestrian trail. This is a segment of the Seward Highway Passing Lanes project.	2002 - Design 2005 - Utility 2006 - Construction	\$0	\$0	\$1,500	\$0	\$2,000	\$20,000	\$0	\$23,500
7	Seward Highway MP 104 - 115 [Indian to Potter, Passing Lanes] - Design and construct passing lanes and a bicycle/pedestrian trail between Indian and Potter Marsh. Includes the Windy Corner project to expand and improve the existing pullout and to add (pedestrian) wildlife viewing, interpretation, and landscaping. This is a segment of the Seward Highway Passing Lanes project.	2002 - Design 2003 - Utility & Construction 2004 - Construction	\$0	\$1,500	\$7,000	\$10,000	\$0	\$0	\$0	\$18,500
	The contingency list of projected for each year will consist of the following year's projects.	ANNUAL TOTALS	\$28,656	\$17,600	\$11,800	\$12,000	\$6,500	\$23,800	\$47,260	\$147,616

2001-2003 TIP, Pavement Replacement Program { see Table 3, project # 8}

2001-2003 TIP, Pavement Replacement Projects, {see Table 3, project # 9}										
Priority	Project	Project Phasing	2001	2002	2003	2004	2005	2006	2006+	Est. Total funding
	Denali Street Pavement Replacement – Northern Lights Boulevard to 40th Avenue*	in CIP		\$0						\$0
1	Lake Otis Parkway Pavement Replacement - Abbott Road to O'Malley Road*	2002 -C		\$2,200						\$2,200
2	Lake Otis Parkway Pavement Replacement - DeBarr Road to Northern Lights Boulevard*	2003 -C			\$1,400					\$1,400
	Mountain View Drive Pavement Replacement – Commercial Drive to Glenn Highway*	in CIP			\$493					\$493
3	9th Avenue Pavement Replacement - L Street to Ingra Street*	2004 -C			\$0	\$1,850				\$1,850
4	Bragaw Street Pavement Replacement - Glenn Highway to Debarr Road*	2004 -C			\$0	\$768				\$768
5	Lake Otis Parkway Pavement Replacement - Northern Lights Boulevard to Tudor Road	2004 - PE/D 2005 - C				\$200	\$1,100			\$1,300
8	Dimond Boulevard Pavement Replacement - Jodphur Street to Jewel Lake Road	2004 - PE/D 2006 - C				\$170		\$1,000		\$1,170
9	New pavement replacement project (placeholder)	12	\$25	\$0	\$0	\$0	\$0	\$0	\$500	
	Pavement Replacement Annual Totals shown in Table 3		\$0	\$2,200	\$1,400	\$2,988	\$1,100	\$1,000	\$500	\$9,188
* PE/Design funding proposed with local bonds.										

2001-2001 TIP, Highway Safety Improvement Program (HSIP) , {see Tables 3 line 7 AND 3b}

2001-2003 TIP, Highway Safety Improvement Projects (HSIP) {see Table 3, project 7}										
Priority	Project	Project Phasing	2001	2002	2003	2004	2005	2006	2006+	Est. Total funding
1	GROUP 6: Arctic Blvd, Fireweed Lane to Benson	FFY 2002 - PE/D FFY 2003 ROW/Util FFY 2005 - C		\$175	\$198		\$527			\$900
2	GROUP 4a: Muldoon Road from 20th Avenue to 36th Avenue Safety Improvements and Muldoon Rd, Duben - Boundary	FFY 2002 - PE/D/Util FFY 2003 - C		\$230	\$1,138					\$1,368
3	GROUP 5a: 36th, Arctic - C St. 5 lane, Arctic @ Potter, MacInnis @ 36th, and Arctic @ Chugach	FFY 2002 - PE/D FFY 2003 - ROW/U FFY 2004 - C FFY 2005 - C		\$576	\$616	\$719	\$1,068			\$2,979
	HSIP Annual Totals shown in Table 3		\$0	\$981	\$1,952	\$719	\$1,595	\$0	\$0	\$5,247

2001-2003 TIP, Highway Safety Improvement Projects (HSIP) {see Table 3b}					
Project	Project	Project Phasing	2001	2002	2003
1	GROUP 1a: 5th/6th @ A/C Signal, Downtown Curb Bulb project and Downtown one-way signing project	FFY 2002 PE/C FFY 2003 - C		\$283	\$177
2	GROUP 1b: 8th Ave. @ E & G Sts. Lane Use Controls and C St. @ 7th Ave.	FFY 2002 PE/Util FFY 2003 Util/C		\$138	\$286
3	GROUP 2: Lake Otis @ Azurite and NLB @ Rose St.	FFY 2002 - PE/C FFY 2003 - C		\$122	\$58
4	GROUP 2a: DeBarr Rd @ Norine and Huffman @ Hace	FFY 2002 PE/D FFY 2004 - Util/C		\$76	\$94
5	GROUP 2b: Huffman Rd @ Seward E. Ramp and Tudor Rd @Eau Clair Place	FFY 2002 PE/D/C FFY 2003 - C		\$145	\$185
6	GROUP 3a: OSH, Dimond to 88th and Lake Otis from NLB to Tudor	FFY 2002 - PE/D FFY 2003 - ROW/Util/C		\$306	\$959
7	GROUP 3b: OSH, 36th - 40th	FFY 2002 - PE/D FFY 2003 - /Util/C		\$150	\$262
8	GROUP 4b: Boniface @ NLB and Midtown Corridor (Benson Blvd to 36th and C St to Denali)	FFY 2002 PE/D/Util FFY 2003 - C		\$238	\$912
	HSIP Set Aside Annual Totals shown in Table 3b		\$0	\$1,458	\$2,933